

Chandigarh Engineering College Landran, Mohali
Department of Applied Sciences

Assignment No: 2
Subject: Programming for Problem Solving
Subject code: BTPS-101-18
Semester:1 and 2

Course Outcomes

The student will learn

CO.1: understand basics of computer and its parts.

CO.2: formulate simple algorithms and translate the algorithms to programs (in C language).

CO.3: implement conditional branching, iteration and recursion.

CO.4: convert a problem into functions by using searching and sorting techniques on the given list.

CO.5: use arrays, pointers and structures to formulate algorithms and programs.

CO.6: apply programming to solve matrix addition and multiplication problems.

Q.No	Question	Marks	Relevance to CO No.
1	Explain the algorithm of linear search with an example	4	CO.4
2	Write a program to find factorial of a number using recursion	3	CO.3
3	Explain call by value and call by reference method using an example	3	CO.5
Total		10Marks	